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MONTANA DEPARTMENT OF HEALTH
AND ENVIRONMENTAL SCIENCES

Monthly Activities Report
of the Air Quality Bureau

February, 1979

STATE DOCUMENTS COLLECTION

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1. Highlights:

The Anaconda Smelter had several emergency episodes during the month. Air Quality Bureau personnel, along with Environmental Protection Agency personnel went to Anaconda to monitor these episodes.

2. Ambient Air Quality Network:

a. Standards Exceeded

	150 ug/m^3 St. Std.
Hi-vol - Butte, Hebgen Park, February 8, 1979	179

SO_2 near Anaconda	Hiway Junction	Mill Creek	Lincoln School
Highest 1 hr.	2.30 ppm	1.20 ppm	0.52
Highest 24-hour	0.80 ppm	0.204 ppm	.08
# over 0.25	60	11	13

NO_2 - Highest 1 hour average - 0.04

O_3 - Highest 1 hour average - 0.045

b. Air Stagnation Advisories - None in February

c. Laboratory Status

Total Samples for Month	446
Total Determinations for Month	2538

3. Permits and Tax Credits:

a. Construction Permits, Applied for:

Mcintyre Construction, Big Horn Co., gravel crushing plant
Earth Builders, Custer Co., portable asphalt plant
Earth Builders, Custer Co., portable gravel crushing plant
Earth Builders, Dawson Co., portable gravel crushing plant
Earth Builders, Dawson Co., portable asphalt plant
Kanta Products, Three Forks, gas fired rotary kiln
Zortman Mining, Zortman, diesel generator

Approved in February:

Stauffer Chemical, Silver Bow Plant, scrubber and fans
Mcintyre Construction, Big Horn Co., portable gravel crusher
Dugdale Construction, Lewis & Clark Co., portable asphalt batch plant
Meyer Construction, portable gravel crusher
Meyer Construction, hot mix plant

c. Tax Credits: None

4. Variance Status:

a. Current

Anaconda Company, SO_2 variance, approved in November
ASARCO, one year variance, granted through June 30, 1979

b. New

Berg Lumber, Lewistown, request received in February

5. Enforcement Actions:

a. Citations

Brand S Lumber, Livingston, MT 790206-DH-1 - Tepee Burner in violation of rule 16-2.14(1)-S14030 (Wood Waste Burners)

Louisiana Pacific, Deer Lodge, MT - 790214-BH-1 - Tepee burner in violation of rule 16-2.14(1)-S14030 (Wood Waste Burners)

b. Notice of Violations - None

c. Order for Corrective Actions - None

d. Court Actions - Brand S is appealing their order to shut down their tepee burner and the Board has set the hearing for May, 1979

6. Tepee Burner and Open Burning:

Tepee burners: No. in operation - 30

Open Burning Permits Issued:

Kalispell Office	7	Sanders Co.	4
Cascade Co.	2	Yellowstone Co.	3
Lake Co.	10	Rest of State	69
Missoula Co.	10	Total	105

7. Source Tests Performed:

a. Agency Source Tests - None

b. Non Agency Source Tests - None

8. Field Investigations:

Louisiana Pacific, Deer Lodge, tepee burner, citation issued
Montana Pole Co., Butte, tepee burner, in compliance
Castle Mountain Lumber, White Sulphur Springs, tepee burner, citation issued
Brand S Lumber, Livingston, tepee burner, citation issued
Willow Creek Lumber, Livingston, investigation
Burkland Studs, Livingston, investigation
North West Forest Fuels, Livingston, investigation

9. Complaints:

Brand S, Livingston, smoke and soot, Board hearing scheduled
Weatherford Crematorium, Kalispell, odors, investigation

10. Data Processing Services:

a. Ambient Data Summary - None for January - computer program in process of being revised

b. Emission Inventory Status: No significant activities

c. Prevention of Significant Deterioration - Attended one meeting regarding Class I areas

d. Modeling - Contractor has begun installing the UNAMAP version III models from EPA.

11. Environmental Impact Statements:

a. Agency Impact Determinations - None

b. Other Agency EIS' REviewed - None

12. Status of Studies, Contracts and Reports:

Poplar River - continues to operate well; budget proposal for next FY funding submitted to Lt. Governor;
Flathead Environmental Study - operating well; funding has been approved for one more year;
MAPS - preliminary meteorology report finished; timetables for final report have been delineated;
MAPS - monitoring site in Great Falls installed; Billings site is being installed at present time;

13. Schools and Training: - None

14. Public Hearings and Meetings:

a. Public Hearings held - None

b. Meetings attended

Wilderness Committee, Governor's Office, Helena, on Class I
EPA, Helena, Poplar River project status
Highway Department, Helena, fugitive dust rule
Citizens, Livingston, Brand S board hearing
Anaconda Company, Butte, SIP revision
DESPUR Advisory Committee, Helena, fugitive dust rule

c. Intra-staff meetings

Legal Division, Brand S Lumber
Air Quality Bureau staff meetings
MAPS staff meetings on budgets and reports
MAPS meteorologists on final report

15. Public Information Requests:

Rules and Regulations - 2
Clean Air Act - 2
Permit Information - 1
Annual Report - 1
Other - 3
EIS on ambient rules - approximately 50